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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/047,505	10/26/2001	Puneet Goel	EFIM0305	3938

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EXAMINER

MILIA, MARK R

ART UNIT	PAPER NUMBER
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2625

DATE MAILED: 04/13/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No.	Applicant(s)	
	10/047,505	GOEL ET AL.	
	Examiner	Art Unit	
	Mark R. Milia	2625	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 23 January 2006.
- 2a) ☐ This action is FINAL. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-8, 10-16, 18-20, 22, 23, 25-38 and 40-62 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-8, 10-16, 18-20, 22, 23, 25-38 and 40-62 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Response to Amendment

1. Applicant's amendment was received on 1/23/06 and has been entered and made of record. Currently, claims 1-8, 10-16, 18-20, 22-23, 25-38, and 40-62 are pending. The new examiner of record is Mark R. Milia.

Response to Arguments

2. Applicant's remarks with respect to the incorporation of limitations from claims 9, 24-25, 31, 39, 49-50, and 56 into independent claims 1, 14, 25, 31, and 38 have been considered but are not believed to place the claims in condition for allowance. Therefore, in view of newly found prior art and a different interpretation of previously cited art, a new ground(s) of rejection will be made.

Claim Rejections - 35 USC § 102

3. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the

applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

4. Claims 14-16, 18-20, 22-30, 32-38, 40-48, 50-55, and 57-62 are rejected under 35 U.S.C. 102(e) as being anticipated by Warmus.

Regarding claim 14, Warmus discloses a method for formatting printable information, the method comprising: providing a plurality of data objects (see Figs. 6-8, column 10 lines 6-37, column 11 lines 4-37, and column 15 line 49-column 17 line 17), presenting said objects in a common format (see Figs. 6-8, column 10 lines 6-37, column 11 lines 4-65, and column 15 line 49-column 17 line 17), selecting at least some of said data objects (see column 33 lines 34-49), ordering said selected data objects into a first sequence so that said ordered objects comprise a printable document, each object comprising a printable page, the printable pages either uniform in dimension and orientation or varying in at least one of dimension and orientation (see column 10 lines 6-37, column 11 lines 4-37, and column 33 lines 34-65), imposing groups of said printable pages on printable sheets, such that a page sequence of a final printed document matches said first sequence after post-printing processing of sheets printed from said printable sheets (see column 33 lines 34-65 and column 36 lines 25-32), and wherein imposing comprises any of: imposing a group of printable pages on each sheet, and imposing a group of printable pages of uniform dimension and orientation on each sheet by providing a representation of a printable sheet, dividing said printable sheet representation into slots, each slot adapted to receive a printable page, assigning a printable page to each slot and automatically setting alignment and offset and applying

identical settings to each slot, and setting and defining bleeds (see Figs. 6-8, column 10 lines 6-37 and 55-57, column 11 lines 4-37, column 15 line 49-column 16 line 23, column 23 lines 6-14 and 28-32, column 24 lines 50-56, column 32 lines 45-49, and column 43 lines 20-39).

Regarding claim 25, Warmus discloses a method for formatting printable information, the method comprising: providing a plurality of data objects (see Figs. 6-8, column 10 lines 6-37, column 11 lines 4-37, and column 15 line 49-column 17 line 17), presenting said objects in a common format (see Figs. 6-8, column 10 lines 6-37, column 11 lines 4-65, and column 15 line 49-column 17 line 17), selecting at least some of said data objects (see column 33 lines 34-49), ordering said selected data objects into a first sequence so that said ordered objects comprise a printable document, each object comprising a printable page, the printable pages either uniform in dimension and orientation or varying in at least one of dimension and orientation (see column 10 lines 6-37, column 11 lines 4-37, and column 33 lines 34-65), imposing groups of said printable pages on printable sheets, such that a page sequence of a final printed document matches said first sequence after post-printing processing of sheets printed from said printable sheets (see column 33 lines 34-65 and column 36 lines 25-32), and wherein imposing comprises any of: imposing a group of printable pages on each sheet, and imposing a group of printable pages of uniform dimension and orientation on each sheet by providing a representation of a printable sheet, dividing said printable sheet representation into slots, each slot adapted to receive a printable page, assigning a printable page to each slot and automatically setting alignment and offset and applying

identical settings to each slot, and rotating pages on said sheet in one hundred eighty degree increments (see Figs. 6-8, column 10 lines 6-37 and 55-57, column 11 lines 4-37, column 15 line 49-column 16 line 23, column 23 lines 6-14 and 28-32, column 24 lines 50-56, column 32 lines 45-49, and column 43 lines 20-39).

Regarding claim 38, Warmus discloses a system for formatting printable information, the system comprising: at least one server (see Fig. 3 "52" and column 8 lines 53-56), at least one workstation connected to said server (see Fig. 3 "54"), at least one output device connected to said server (see Fig. 3 "72"), a plurality of data objects the data objects stored on said server in a common format (see Figs. 6-8, column 8 lines 53-56, column 10 lines 6-37, column 11 lines 4-65, and column 15 line 49-column 17 line 17), and computer-readable code means for: selecting at least some of said data objects (see column 33 lines 34-49), ordering said selected data objects into a first sequence so that said ordered objects comprise a printable document, each object comprising a printable page, the printable pages either uniform in dimension and orientation or varying in at least one of dimension and orientation (see column 10 lines 6-37, column 11 lines 4-37, and column 33 lines 34-65), and imposing groups of said printable pages on printable sheets, such that a page sequence of a final printed document matches said first sequence after post-printing processing of sheets printed from said printable sheets (see column 33 lines 34-65 and column 36 lines 25-32), wherein the computer-readable code means is resident on said servers (see Fig. 3 and column 9 lines 1-9), and wherein a user accesses said objects and said computer-

readable code means by means of a graphical user interface (GUI) resident on said workstation (see Fig. 3 and column 9 lines 9-20).

Regarding claims 15 and 40, Warmus further discloses wherein said data objects comprise any of pages from digital documents and digital images, and wherein said common format comprises a common page description language (see Fig. 5, column 7 lines 62-66, column 8 lines 17-33, and column 11 line 66-column 12 line 5).

Regarding claims 16 and 41, Warmus further discloses wherein said page description language comprises portable document format (PDF) (see column 8 lines 29-32).

Regarding claims 18 and 43, Warmus further discloses providing a representation of a printable sheet (see Figs. 6-8, column 10 lines 6-37, column 11 lines 4-37, and column 23 lines 6-14), dividing said printable sheet representation into slots, each slot adapted to receive a printable page (see Figs. 6-8, column 10 lines 6-37 and 55-57, and column 11 lines 4-37), assigning a printable page to each slot by placing a representation of said printable page in said slot (see Figs. 6-8, column 10 lines 6-37 and 55-57, and column 11 lines 4-37), and setting at least one of alignment, offset and scaling, wherein said settings are applicable to one of a current slot, a row of slots, a column of slots and a sheet of slots (see Figs. 6-8, column 15 line 49-column 16 line 23, column 23 lines 6-14 and 28-32, column 24 lines 50-56, column 32 lines 45-49, and column 43 lines 20-39), wherein said group of printable pages includes one of: pages of uniform dimension and orientation; and pages varying in at least one of dimension and

orientation (see Figs. 6-8 and 26, column 23 lines 6-14, column 36 lines 25-32, and column 43 lines 33-38).

Regarding claims 19 and 44, Warmus further wherein scaling settings include any of: a 'scale to fit' mode, a 'custom' mode, a 'fit width' mode, and a 'fit height' mode (see column 24 lines 50-56, column 32 lines 45-49, and column 43 lines 21-25).

Regarding claims 20 and 45, Warmus further discloses rotating pages on said sheet in ninety degree increments (see Fig. 26, column 15 line 65, column 23 lines 6-14, and column 43 lines 21-25).

Regarding claims 22 and 47, Warmus further discloses setting scaling, wherein an identical setting is automatically applied to each slot (see column 4 lines 26-29, column 24 lines 50-56, and column 43 lines 20-25).

Regarding claims 23 and 48, Warmus further discloses wherein said scaling settings include any of a 'scale to fit' mode and a custom mode (see column 24 lines 50-56).

Regarding claims 26 and 51, Warmus further discloses any of: defining sheet size; defining creep adjustment; defining sheet orientation; defining at least one of rows and columns; defining printer's marks; and defining finishing options (see Figs. 6-8 and 26, column 10 lines 6-37 and 55-57, column 11 lines 4-37, column 23 lines 6-14 and 28-32, column 36 lines 25-32, column 43 lines 21-38, and column 44 lines 54-57).

Regarding claims 27 and 52, Warmus further discloses wherein defining printer's marks comprises: defining trim marks and defining fold marks (see Figs. 6-8 and 26, column 10 lines 6-27, and column 11 lines 19-37).

Regarding claims 28 and 53, Warmus further discloses wherein defining trim marks comprises: defining horizontal and vertical length; defining line type; defining line width; and defining line color (see Figs. 6-8 and 26, column 11 lines 19-37, column 23 lines 6-14 and 28-32, and column 44 lines 54-65).

Regarding claims 29 and 54, Warmus further discloses wherein defining fold marks comprises: defining horizontal and vertical length; defining line type; defining line width; and defining line color (see Figs. 6-8 and 26, column 11 lines 19-37, column 23 lines 6-14 and 28-32, and column 44 lines 54-65).

Regarding claims 30 and 55, Warmus further discloses wherein defining finishing options comprises: defining binding options and defining options for ganged print jobs (see Fig. 5, column 9 lines 28-34, column 10 lines 8-11, column 23 lines 10-12).

Regarding claims 32 and 57, Warmus further discloses saving imposition attributes to a template (see Figs. 5 and 9, column 8 lines 53-63, column 11 lines 38-65, and claim 1).

Regarding claims 33 and 58, Warmus further discloses specifying imposition attributes by applying a template (see Figs. 5 and 9, column 8 lines 53-63, column 11 lines 38-65, and claim 1).

Regarding claims 34 and 59, Warmus further discloses previewing said sheets (see column 30 lines 2-7).

Regarding claims 35 and 60, Warmus further discloses previewing said sheets comprises any of editing any of said printable pages and setting gutter size (see column 30 lines 2-7).

Regarding claims 36 and 61, Warmus further discloses printing said sheets (see Fig. 5, column 8 lines 17-24, and column 9 lines 24-34 and 46-50).

Regarding claims 37 and 62, Warmus further discloses any of: cutting said printed sheets, folding said printed sheets, collating printed pages cut from said printed sheets, and binding said printed pages (see column 9 lines 24-34, column 10 lines 8-15, and column 11 lines 19-37).

Regarding claim 42, Warmus further discloses wherein the computer-readable code means for imposing groups of said printable pages comprises computer-readable code means for any of: imposing a group of printable pages on each sheet and imposing a group of printable pages on each sheet, wherein the printable pages are of uniform dimension and orientation (see Figs. 6-8, column 10 lines 6-37 and 55-57, column 11 lines 4-37, column 15 line 49-column 16 line 23, column 23 lines 6-14 and 28-32, column 24 lines 50-56, column 32 lines 45-49, and column 43 lines 20-39).

Regarding claim 46, Warmus further discloses wherein the computer-readable code means for imposing printable pages of uniform dimension comprises computer-readable code means for: providing a representation of a printable sheet (see Figs. 6-8, column 10 lines 6-37, column 11 lines 4-37, and column 23 lines 6-14), dividing said printable sheet representation into slots, each slot adapted to receive a printable page (see Figs. 6-8, column 10 lines 6-37 and 55-57, and column 11 lines 4-37), assigning a printable page to each slot by placing a representation of said printable page in said slot (see Figs. 6-8, column 10 lines 6-37 and 55-57, and column 11 lines 4-37), and automatically setting alignment and offset and applying identical settings to each slot

(see Figs. 6-8, column 15 line 49-column 16 line 23, column 23 lines 6-14 and 28-32, column 24 lines 50-56, column 32 lines 45-49, and column 43 lines 20-39).

Regarding claim 50, Warmus further discloses computer-readable code means for rotating pages on said sheet in one hundred eighty degree increments (see column 11 lines 23-30).

Claim Rejections - 35 USC § 103

5. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

6. Claims 1-8, 10-13, and 31 are rejected under 35 U.S.C. 103(a) as being unpatentable over Warmus in view of U.S. Patent No. 4951233 to Fujiwara et al. as cited on the Information Disclosure Statement dated 12/4/03.

Regarding claim 1, Warmus discloses a method of imposing groups of printable pages, the pages varying in at least one of dimension and orientation, on printable sheets, the method comprising: providing a representation of a printable sheet (see Figs. 6-8, column 10 lines 6-37, column 11 lines 4-37, and column 23 lines 6-14), dividing said printable sheet representation into slots, each slot adapted to receive a printable page (see Figs. 6-8, column 10 lines 6-37 and 55-57, and column 11 lines 4-37), assigning a printable page to each slot (see Figs. 6-8, column 10 lines 6-37 and 55-

57, and column 11 lines 4-37), and setting at least one of alignment, offset and scaling, wherein said settings are applicable to one of a current slot, a row of slots, a column of slots and a sheet of slots (see Figs. 6-8, column 15 line 49-column 16 line 23, column 23 lines 6-14 and 28-32, column 24 lines 50-56, column 32 lines 45-49, and column 43 lines 20-39).

Warmus does not disclose expressly performing any of adding sheets, duplicating a sheet, deleting a sheet, and editing a page.

Fujiwara discloses performing any of adding sheets, duplicating a sheet, deleting a sheet, and editing a page (see Figs. 2 and 6G, column 1 lines 53-60, and column 4 line 47-column 5 line 9).

Regarding claim 31, Warmus discloses a method for formatting printable information, the method comprising: providing a plurality of data objects (see Figs. 6-8, column 10 lines 6-37, column 11 lines 4-37, and column 15 line 49-column 17 line 17), presenting said objects in a common format (see Figs. 6-8, column 10 lines 6-37, column 11 lines 4-65, and column 15 line 49-column 17 line 17), selecting at least some of said data objects (see column 33 lines 34-49), ordering said selected data objects into a first sequence so that said ordered objects comprise a printable document, each object comprising a printable page, the printable pages either uniform in dimension and orientation or varying in at least one of dimension and orientation (see column 10 lines 6-37, column 11 lines 4-37, and column 33 lines 34-65), imposing groups of said printable pages on printable sheets, such that a page sequence of a final printed document matches said first sequence after post-printing processing of sheets printed

from said printable sheets (see column 33 lines 34-65 and column 36 lines 25-32), and wherein imposing comprises any of: imposing a group of printable pages on each sheet, and imposing a group of printable pages of uniform dimension and orientation on each sheet (see Figs. 6-8, column 10 lines 6-37 and 55-57, column 11 lines 4-37, column 15 line 49-column 16 line 23, column 23 lines 6-14 and 28-32, column 24 lines 50-56, column 32 lines 45-49, and column 43 lines 20-39).

Warmus does not disclose expressly performing any of adding sheets, duplicating a sheet, deleting a sheet, and editing a page.

Fujiwara discloses performing any of adding sheets, duplicating a sheet, deleting a sheet, and editing a page (see Figs. 2 and 6G, column 1 lines 53-60, and column 4 line 47-column 5 line 9).

Warmus & Fujiwara are combinable because they are from the same field of endeavor, utilization of page layout data to accurately print documents.

At the time of the invention, it would have been obvious to a person of ordinary skill in the art to combine the addition, deletion, movement and/or duplication of a page, as described by Fujiwara, with the system of Warmus.

The suggestion/motivation for doing so would have been to simplify the process of editing documents to make it easier for a user and ultimately save time.

Therefore, it would have been obvious to combine Fujiwara with Warmus to obtain the invention as specified in claims 1 and 31.

Regarding claim 2, Warmus and Fujiwara disclose the system discussed in claim 1, and Warmus further wherein scaling settings include any of: a 'scale to fit' mode, a 'custom' mode, a 'fit width' mode, and a 'fit height' mode (see column 24 lines 50-56, column 32 lines 45-49, and column 43 lines 21-25).

Regarding claim 3, Warmus and Fujiwara disclose the system discussed in claim 1, and Warmus further discloses rotating pages on said sheet in ninety degree increments (see Fig. 26, column 15 line 65, column 23 lines 6-14, and column 43 lines 21-25).

Regarding claim 4, Warmus and Fujiwara disclose the system discussed in claim 1, and Warmus further discloses any of: defining sheet size; defining creep adjustment; defining sheet orientation; defining at least one of rows and columns; defining printer's marks; and defining finishing options (see Figs. 6-8 and 26, column 10 lines 6-37 and 55-57, column 11 lines 4-37, column 23 lines 6-14 and 28-32, column 36 lines 25-32, column 43 lines 21-38, and column 44 lines 54-57).

Regarding claim 5, Warmus and Fujiwara disclose the system discussed in claim 4, and Warmus further discloses wherein defining printer's marks comprises: defining trim marks and defining fold marks (see Figs. 6-8 and 26, column 10 lines 6-27, and column 11 lines 19-37).

Regarding claim 6, Warmus and Fujiwara disclose the system discussed in claim 5, and Warmus further discloses wherein defining trim marks comprises: defining horizontal and vertical length; defining line type; defining line width; and defining line

color (see Figs. 6-8 and 26, column 11 lines 19-37, column 23 lines 6-14 and 28-32, and column 44 lines 54-65).

Regarding claim 7, Warmus and Fujiwara disclose the system discussed in claim 5, and Warmus further discloses wherein defining fold marks comprises: defining horizontal and vertical length; defining line type; defining line width; and defining line color (see Figs. 6-8 and 26, column 11 lines 19-37, column 23 lines 6-14 and 28-32, and column 44 lines 54-65).

Regarding claim 8, Warmus and Fujiwara disclose the system discussed in claim 4, and Warmus further discloses wherein defining finishing options comprises: defining binding options and defining options for ganged print jobs (see Fig. 5, column 9 lines 28-34, column 10 lines 8-11, column 23 lines 10-12).

Regarding claim 10, Warmus and Fujiwara disclose the system discussed in claim 1, and Warmus further discloses saving imposition attributes to a template (see Figs. 5 and 9, column 8 lines 53-63, column 11 lines 38-65, and claim 1).

Regarding claim 11, Warmus and Fujiwara disclose the system discussed in claim 1, and Warmus further discloses specifying imposition attributes by applying a template (see Figs. 5 and 9, column 8 lines 53-63, column 11 lines 38-65, and claim 1).

Regarding claim 12, Warmus and Fujiwara disclose the system discussed in claim 1, and Warmus further discloses previewing said sheets (see column 30 lines 2-7).

Regarding claim 13, Warmus and Fujiwara disclose the system discussed in claim 1, and Warmus further discloses previewing said sheets comprises any of editing any of said printable pages and setting gutter size (see column 30 lines 2-7).

7. Claim 56 is rejected under 35 U.S.C. 103(a) as being unpatentable over Warmus as applied to claim 51 above, and further in view of Fujiwara.

Warmus does not disclose expressly performing any of adding sheets, duplicating a sheet, deleting a sheet, and editing a page.

Fujiwara discloses performing any of adding sheets, duplicating a sheet, deleting a sheet, and editing a page (see Figs. 2 and 6G, column 1 lines 53-60, and column 4 line 47-column 5 line 9).

Warmus & Fujiwara are combinable because they are from the same field of endeavor, utilization of page layout data to accurately print documents.

At the time of the invention, it would have been obvious to a person of ordinary skill in the art to combine the addition, deletion, movement and/or duplication of a page, as described by Fujiwara, with the system of Warmus.

The suggestion/motivation for doing so would have been to simplify the process of editing documents to make it easier for a user and ultimately save time.

Therefore, it would have been obvious to combine Fujiwara with Warmus to obtain the invention as specified in claim 56.

8. Claim 49 is rejected under 35 U.S.C. 103(a) as being unpatentable over Warmus as applied to claim 46 above, and further in view of U.S. Patent No. 6414755 to Bronstein et al.

Warmus does not disclose expressly computer-readable code means for setting and defining bleeds.

Bronstein discloses computer-readable code means for setting and defining bleeds (see column 2 lines 44-54, column 2 line 61-column 3 line 3, and column 4 line 37-column 5 line 10).

Warmus & Bronstein are combinable because they are from the same field of endeavor, mixed imposition printing.

At the time of the invention, it would have been obvious to a person of ordinary skill in the art to combining the setting and defining of bleeds, as described by Bronstein, with the system of Warmus.

The suggestion/motivation for doing so would have been to decrease the cost of printing and reduce paper waste.

Therefore, it would have been obvious to combine Bronstein with Warmus to obtain the invention as specified in claim 49.

Conclusion

9. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. To further show the state of the art refer to the attached Notice of References Cited.

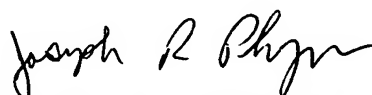
Any inquiry concerning this communication or earlier communications from the examiner should be directed to Mark R. Milia whose telephone number is (571) 272-7408. The examiner can normally be reached M-F 8:00am-4:00pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Twyler M. Lamb can be reached at (571) 272-7406. The fax number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Mark R. Milia
Examiner
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MRM


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